BRUHAT BENGALURU MAHANAGARA PALIKE, VIDYARANYAPURA SUB-DIVISION

COMPERATIVE STATEMENT

Name of Work: Supply and Instalation of CCTV Camaras at Selected Points with annual Maintenance in Ward No. 11, Byatarayanapura.

Name of Agency: Sri K. Shankar Reddy, No. 03, 1st Cross, 1st Main, Ramachanrappa Layout, Arabic College Post, Veeranna Palya, Bangalore - 560045.

Estimated Cost: 30,00,000.00

Tender Amount : Rs. 19,94,869.00 Lakhs

Work Order No. BBMP/EE/BTP/WO/193/2022-23 Dated: 27-03-2023.

SL. No.	Description	Unit	Qty. as per Sanctioned			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2020-21+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Outdoor PLZ IP Cameras with 20 X optical zoom with controller along with suitable	Nos	3.00	78462.00	235386.00	3.00	61592.00	184776.00	4.00	4.00	61592.00	246368.00	0.00	0.00	0.00	246368.00		61592.00	
2	Bracket (Corner Mount / Pole Mount/ Wall Mount) for mounting the PTZ camera.	Nos	18.00	4267.00	76806.00	18.00	3349.00	60282.00	12.00	12.00	3349.00	40188.00	0.00	0.00	0.00	40188.00	20094.00		
3	Outdoor 50 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and	Nos	18.00	21160.00	380880.00	18.00	16610.00	298980.00	12.00	12.00	16610.00	199320.00	0.00	0.00	0.00	199320.00	99660.00		
4	Bracket and weatherproof Installation kit for 50 Meter IP Camera	Nos	16.00	1545.00	24720.00	16.00	1212.00	19392.00	12.00	12.00	1212.00	14544.00	0.00	0.00	0.00	14544.00	4848.00		
5	Outdoor 30 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and	Nos	14.00	15260.00	213640.00	14.00	11979.00	167706.00	10.00	10.00	11979.00	119790.00	0.00	5562.48	0.00	119790.00	47916.00		
6	Bracket and weatherproof Installation kit for 30 Meter IP Camera	Nos	14.00	1491.00	20874.00	14.00	1170.00	16380.00	14.00	14.00	1170.00	16380.00	0.00	0.00	0.00	16380.00	0.00		
7	32 Channel NVR DS 7732 NI-E4 (with 4 Sata Option) the control box and the recording	Nos	3.00	66982.00	200946.00	3.00	52580.00	157740.00	3.00	3.00	52580.00	157740.00	0.00	0.00	0.00	157740.00		0.00	
8	12 TB NAS Box for Back up (NET GEAR) provides storage for the recorded data for quick	Nos	3.00	257420.00	772260.00	3.00	202074.00	606222.00	3.00	3.00	202074.00	606222.00	0.00	0.00	0.00	606222.00	0.00		
9	4 TB SATA for storage and fitted in the NVR Device for storage	Nos	5.00	22850.00	114250.00	5.00	17937.00	89685.00	5.00	5.00	17937.00	89685.00	0.00	0.00	0.00	89685.00	0.00		
10	A suitable sheet metal control panel to house site Equipments (Weather Proof) The power	Nos	18.00	1526.00	27468.00	18.00	1197.00	21546.00	18.00	18.00	1197.00	21546.00	0.00	0.00	0.00	21546.00	0.00		
11	Power supply for the camera.	Nos	18.00	461.00	8298.00	18.00	361.00	6498.00	18.00	18.00	361.00	6498.00	0.00	13.24	0.00	6498.00		0.00	
12	Ethernet Switch for connectivity to Internet and Camera	Nos	18.00	950.00	17100.00	18.00	745.00	13410.00	18.00	18.00	745.00	13410.00	0.00	10291.53	0.00	13410.00		0.00	
13	Supply & Laying of Network and Power Cables from Camera to the control Box.	Nos	20.00	389.00	7780.00	20.00	305.00	6100.00	20.00	20.00	305.00	6100.00	0.00	452.19	0.00	6100.00		0.00	

SL. No.	Description	Unit	Qty. as per Sanctioned			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2020-21+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
14	Video Manager Application Software for Display and Management of Camera on	Nos	18.00	20000.00	360000.00	18.00	15700.00	282600.00	18.00	18.00	15700.00	282600.00	0.00	70.00	0.00	282600.00		0.00	
15	Installation, Erection & commissioning charges	Nos	16.00	5060.00	80960.00	16.00	3972.00	63552.00	16.00	16.00	3972.00	63552.00	0.00	10.32	0.00	63552.00		0.00	
																1883943.00		61592.00	
									EIRL										
E1	Providing CCTV MS Poles with camera fixing brackets 5 to 6Mtrs hight box inclusive of all taxes transortation charges as per the direction of engineer	Nos							6.00				6.00	18447.50	110685.00	110685.00		110685.00	
	Sub Total				2541368.00			1994869.00								110685.00		110685.00	
																1994628.00			
	GST % 18%				457446.24														
	Miscelaneous and unforgen charges	LS			1186.00														
	Total				3000000.00			1994869.00								1994628.00	172518.00	172277.00	
																		0.012 Below	

SUMMARY:

1. **Estimated Cost : Rs. 30.00 Lakhs**
2. **Tender Cost : Rs. 19.94 Lakhs**
3. **EIRL Amount Rs. 1,10,685.00 = 5.55 % of the Tender Amount**
4. **Work Slip Amount Rs. 61,592.00 = 3.08 % of the Tender Amount**
5. **During execution as per requirement and site condition, the total Qty to be executed costs Rs. 19.94 Lakhs which is 0.012 % BELOW the Tender cost. The proposal may kindly be approved.**

Assistant Engineer
New Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division, Yelahanka Zone

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Yelahanka Zone

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ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ., ಬೆಂಗಳೂರು

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BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Supply and Instalation of CCTV Camaras at Selected Points with annual Maintenance in Ward No. 11, Byatarayanapura.

Name of Agency: Sri K. Shankar Reddy, No. 03, 1st Cross, 1st Main, Ramachanrappa Layout, Arabic College Post, Veeranna Palya, Bangalore - 560045.

Estimated Cost: 30,00,000.00

Tender Amount : Rs. 19,94,869.00 Lakhs

Work Order No. BBMP/EE/BTP/WO/193/2022-23 Dated: 27-03-2023.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2020-21+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Outdoor PLZ IP Cameras with 20 X optical zoom with controller along with suitable	Nos	3.00	78462.00	235386.00	3.00	61592.00	184776.00	**4.00**	4.00	61592.00	246368.00	0.00	0.00	0.00	246368.00		61592.00	
2	Bracket (Corner Mount / Pole Mount/ Wall Mount) for mounting the PTZ camera.	Nos	18.00	4267.00	76806.00	18.00	3349.00	60282.00	**12.00**	12.00	3349.00	40188.00	0.00	0.00	0.00	40188.00	20094.00		
3	Outdoor 50 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision	Nos	18.00	21160.00	380880.00	18.00	16610.00	298980.00	**12.00**	12.00	16610.00	199320.00	0.00	0.00	0.00	199320.00	99660.00		
4	Bracket and weatherproof Installation kit for 50 Meter IP Camera	Nos	16.00	1545.00	24720.00	16.00	1212.00	19392.00	**12.00**	12.00	1212.00	14544.00	0.00	0.00	0.00	14544.00	4848.00		
5	Outdoor 30 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision	Nos	14.00	15260.00	213640.00	14.00	11979.00	167706.00	**10.00**	10.00	11979.00	119790.00	0.00	5562.48	0.00	119790.00	47916.00		
6	Bracket and weatherproof Installation kit for 30 Meter IP Camera	Nos	14.00	1491.00	20874.00	14.00	1170.00	16380.00	**14.00**	14.00	1170.00	16380.00	0.00	0.00	0.00	16380.00	0.00		
7	32 Channel NVR DS 7732 NI-E4 (with 4 Sata Option) the control box and the recording	Nos	3.00	66982.00	200946.00	3.00	52580.00	157740.00	**3.00**	3.00	52580.00	157740.00	0.00	0.00	0.00	157740.00		0.00	
8	12 TB NAS Box for Back up (NET GEAR) provides storage for the recorded data for quick	Nos	3.00	257420.00	772260.00	3.00	202074.00	606222.00	**3.00**	3.00	202074.00	606222.00	0.00	0.00	0.00	606222.00	0.00		
9	4 TB SATA for storage and fitted in the NVR Device for storage	Nos	5.00	22850.00	114250.00	5.00	17937.00	89685.00	**5.00**	5.00	17937.00	89685.00	0.00	0.00	0.00	89685.00	0.00		
10	A suitable sheet metal control panel to house site Equipments (Weather Proof) The power	Nos	18.00	1526.00	27468.00	18.00	1197.00	21546.00	**18.00**	18.00	1197.00	21546.00	0.00	0.00	0.00	21546.00	0.00		
11	Power supply for the camera.	Nos	18.00	461.00	8298.00	18.00	361.00	6498.00	**18.00**	18.00	361.00	6498.00	0.00	13.24	0.00	6498.00		0.00	
12	Ethernet Switch for connectivity to Internet and Camera	Nos	18.00	950.00	17100.00	18.00	745.00	13410.00	**18.00**	18.00	745.00	13410.00	0.00	10291.53	0.00	13410.00		0.00	
13	Supply & Laying of Network and Power Cables from Camera to the control Box.	Nos	20.00	389.00	7780.00	20.00	305.00	6100.00	**20.00**	20.00	305.00	6100.00	0.00	452.19	0.00	6100.00		0.00	

14	Video Manager Application Software for Display and Management of Camera on	Nos	18.00	20000.00	360000.00	18.00	15700.00	282600.00	**18.00**	18.00	15700.00	282600.00	0.00	70.00	0.00	282600.00		0.00
15	Installation, Erection & commissioning charges	Nos	16.00	5060.00	80960.00	16.00	3972.00	63552.00	**16.00**	16.00	3972.00	63552.00	0.00	10.32	0.00	63552.00		0.00
																1883943.00		**61592.00**
	Sub Total				2541368.00													
	GST @ 18%				457446.24													
	Miscellaneous charges	LS			522.00													
	Total				**2999336.00**			**1994869.00**								**1883943.00**	**172518.00**	**61592.00**

Percentage Excess $\frac{\text{61592.00}}{\text{1994869.00}} \times 100$ = **3.09%**

Approved Tender Amount

Assistant Engineer
New Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division, Yelahanka Zone

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Yelahanka Zone

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EXTRA ITEM RATE LIST

Name of Work: Supply and Instalation of CCTV Camaras at Selected Points with annual Maintenance in Ward No. 11, Byatarayanapura.

Name of Agency: Sri K. Shankar Reddy, No. 03, 1st Cross, 1st Main, Ramachanrappa Layout, Arabic College Post, Veeranna Palya, Bangalore - 560045.

Estimated Cost: 30,00,000.00

Tender Amount : Rs. 19,94,869.00 Lakhs

Work Order No. BBMP/EE/BTP/WO/193/2022-23 Dated: 27-03-2023.

Sl. No.	Item No.	Description of Work	Unit	Qty	Rate	Amount	Whether the items are alternative to items in tender schedule or whether being an additional item	Wheather the extra items s included in the sanctioned Estimate	How the expenditure due to the extra item is proposed to be met out	Whether the item isincluded in the S.R (Referabce if SR to be given . If not Data Should accompany the EIRL	Remarks
1	E1	Providing CCTV MS Poles with camera fixing brackets 5 to 6Mtrs hight box inclusive of all taxes transortation charges as per the direction of engineer incharge.	Sqm	6.00	18447.50	110685.00	Additional Item	No	By over all savings in the work	Approved Data Rate	
		Total				**110685.00**					

Percentage Excess $\frac{\text{110685.00}}{\text{1994869.00}}$ x100 = 5.55%
Approved Tender Amount

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, BBMP

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, BBMP

BBMP, Bangalore

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